INTERIM STUDY OF USER SHIFTARDS

ORR PROJECT 35.512

YEBRUARY 1955

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#### FOREHORD

The material and estimates contained herein are designed primarily to assist the analysts in the Shipbuilding Branch of the Industrial Division, ORR, CIA. It is intended to supplement and alter this material and estimates periodically as new material and time will allow. It should not be used or quoted without specific confirmation of the Shipbuilding Branch.

This report presents a brief summary of the location, size, facilities and estimated production capabilities together with the principal gaps in intelligence of each known or reported shippard in economic area V of the USSR. It is one of a series of such reports being prepared, which combined will cover all of the USSR shippards.

The limitations placed on the source of material and upon the research time necessarily means that the information contained herein can be considered tentative only.

The information is derived from material available from the Industrial Register and files of the Shipbuilding Branch as of February 1955.

Informal coordination with analysts of ONI and AFOIM is currently being initiated. Alterations or additions indicated as the result of this coordination will be made in the file copy of I/SH.

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#### 8-E-C-R-E-T

### ATOA Y

### I. Index Alphabetical According to City

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rtem Island	Baku Shipyard #3	6
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Sevan	Sevan Barge Shinyard	76
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#### SECRET

#### Area Y

# II. Index Alphabetical According to Shinyard Name (both current and alternate)

Bhispari	City	Fase
Baileve Naval Shipyard	Faku	11
Baks Haval Shippard	Baku	11
Baks Shipyard	Baku	16
Beks Shippard #3	Artem Island	6
Batumi Maval Base and Shippard "Daershinskiy"	Betuni	41
Batumi Port Facilities	Batumi	46
Betumi Ship Repair Plant	Patumi	51
Batumi Ship Repair Yard	Betumi	41
Deershinskiy Shipperd	Petuni	41
Kebuleti Navy Yard	Kebuleti	56
Landing Craft Shippard	Belcu	21
Ochemchiri Naval Base	Ochomchiri	61
Ochomehiri Shipyard	Ochemchiri	66
Ordshenikidze Ship Repair Yard	Patumi.	51
Papishskaya Kemmuna Shipyard	Beku	26
Peti Shipyard "Yelyava" 201	<b>Peti</b>	71
Sevan Barge Shipyard	Sevan	76
Sevenskoye Sudekhedstve (Seven Navigation Company)	Sevan	76
Chiamana 903	Pati	71

8-E-C-R-E-T

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Third Baku Shipperd	Artem Island	6
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#### S-E-C-R-E-T

#### ATOR Y

#### III. Suggery

City	Shiovard	Yearly /	d Maximum reduction Merchant	e <u>t)</u>
Artem Island	Baku Shipyard #3	F.A.	W.A.	
<b>la</b> ku	Baku Naval Shipyard	1,000	3,500	
	Baku Shipyerd	Repa	ir Only	
	Landing Craft Shipyard	N.A.	"N,A."	
	Parishskaya Kommuna Shipyard	3,600	13,000	
	Transcaucesian Pederation Shipyard	700	2,500	
•	Vane Sturua Shipbuilding and Ship Repair Yard	900	3,200	
Betum1	Petumi Haval Base and Shinyard "Deershinskiy"	1,700	6,000	
	Batumi Port Facilities	Rep	air Only	
	Ordshenikidze Ship Pepair Yard	W.A.	W.A.	
Kebuleti	Kebuleti Navy Yard	W.A.	¥.A.	
Ochemchiri	Ochemchiri Naval Base	<b>*.</b> A.	W.A.	
	Ochemchiri Shipyard	W.A.	W.A.	
Peti	Peti Shippard, "Yelyava" 201	M.V.	M.A.	
Sevan	Sevan Barge Shipyard	W.A.	N.A.	
Sukhuni	Sukhumi Shin Pepair Yard	W.A.	M.A.	
Zebirebed	Zabirabad Shiryard	M.A.	N.A.	

#### R.R.C.R.R.

### Approved For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

	B	Total Yard (rea (sq.tt.)	Coordinates	Carri trans	78 - SET
		Cotal bres of Cultidance of	(of Arton Inlan		SCHITCHES
	le 1: jag (mapable of hariling vessals up to 2.000 tons)	and Size of audion's lay	(of Arten 1stand) (0°28-8-50°20-8)	Per	
		Number and Size of Tydocks:	042)	Alternate Canear	Country: U
THE PROPERTY OF THE PROPERTY O	SCI.	imnber and Size of Parine bail-			COCH
		General in- pression as to efficiency of yard and		Third lake Shipperd	10110 10110
	350	Type of past Production. Tear Construction		eftzertijnagert bemalekengeloeringsers senkipkiskallentegeraphisk	Artan stand
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Subject

\* SHIPYARDS

Alternate Name: Third Baku Shiryard

Country City USSR

·

: Artem Island

Compared Homiton

Current Name : Baku Shipperd #3

Location

On Artem Island 24 miles east northeast of Baku.

Remarks

Construction of this shippard commenced in 1940. In 1949 construction of a longitudinal slipway capable of handling vessels up to 2000 tens was commenced. This slipway was obtained from Finland in 1948 as part of Finnish war reparations. Construction was still uncompleted

in 1950.

In general this yard builds small vessels for use in Baku harbor and in coastal traffic in the vicinity of Baku. Caspian Ses tankers and dry carge vessels are also repaired here.

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### Approved For Release 1999/09/08-™SIA-REP79S01046A000300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

: Artem Island

Current Name: Baku Shipyard #3

guide in the preparation of this report. Up to date information for the categories is desired, however, particular gaps in intelligence and on all subjects except those marked with an asterisk

- \*. What is the current name of this yard?
- \*2. By what other names is the yard known?
  - 3. What is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent Application.
  - 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each bailding!
- \*7. What building ways exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- \$8. What drydeck facilities exist at this yard?
  - \*\*a. Number
  - \*b. Location
  - \*c. Type
  - \*d. Capacity
  - 🔆 e. Dimensions

### Approved For Release 1999/09/08: CIA-RDP79S01046A000100020001-6

S-F-C-R-E-T

★9. What marine railway facilities exist at this yard?

\* a. Number

b. lecation

\*c. Type

\*d. Capacity

🌟 e. Dimensions

10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

- 11. What is the Yard's ship construction history (1935-present)?
  - a. Types and dates of construction.
  - b. Length of times between keel laying and launching.
- c. How many months a year is shin construction restricted by climatic conditions?
  - 12. What ships has the yard remained (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of remairs.
- c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- M. What percentage of the yards facilities are involved in the production of these other items?
  - 15. How many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day,
    - c. Length of each shift.
    - d. Number of days worked her week.
    - e. Is there a seasonal flucuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
- a mi**Approve**ctos ralease 1989/09/08 : CIA-RDP79SP1946A000300020001-6

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GPT)?

Approved For Release	e 1999/09/08 : CIA-RI	DP79S0104	46A0 <b>09/</b> 0002		en.	
		915,000	Total Yard Area (sq.ft.)	Current Hare: Jake J	Subject: SI	Management (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
versional and a deal (s) de-resident of the size of th		(aykt) eco*test	Total Area of Buildings (sq.ft.)	Halta Baral Briggerd	SCUMMIES	SEED AND COMMENT OF THE PROPERTY OF THE PROPER
ta 2.5,76 - <del>Seguin result releggi s planes y</del> or <del>ar sult side lender agine in the lender of the le</del>		(in an area (in an	lamber, Type and Size of building May	20-(1-2-12		(W. (1990) B. to a 2-chamber homeonic control of
ge cyclek vanak vajor 184 ilana 1999 visi siiku ja lääniläkko vääsiki ja sähäänävä vaskallaisi läänivä vaid	ernaldun te uniferen Landikari ett eringder di ungberngengelijde Arbeitswert storreben		Number and Size of 'ry- docks: A = Floating B = Graving	Alternate	Country:	<ul> <li>prilitation a kinema contrata en vacable en mana anticidente.</li> <li>vacable en vacable en vacable en mana anticidente.</li> <li>vacable en vacable en va</li></ul>
saku, saatuumi one ministi vuonkyystä – sen ministiäkäysiää marjakkintoksii nä 6 ministyö-vähidi vuotamastuntovaan		ayda an dha ee ay an dha ee ah	Number and Size of Parine Bail- ways	Alternate Names: Bailore	ASST	Bellevision and the second sec
a spiritustus maatuutus suurintassa katalassa katalassa kantana kantan katalan kantan katalan katalan katalan k	auth an the eith me tha tha an tha	anner herbins allere me beschrift street	General in- pression as to efficiency of yard and adequacy of tools	menal Shippard	1	
			Type of past Production. Year Construction Repair		GLYG.	
TYPE TO PETER AND THE REAL SERVICE AND	and a strong of the strong of		Departed Dinmber Daniel Oyes		CHRECHMAN	
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Approved For Release		7,38	etion			

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Subject Country

8 SHIT PYARDS

City

USSR

Current Name : Baks Bavel Shippard

Alternata Name: Ballove Maral Shippari

Location

In the morthern section of the Nevel Pass on Cape Beileve 18,000 sy of the concrete male in the center of the Baku

Remarks

Pacilities of this yard are used emclusively by the navel forces in the Cospien Sea area. There is very little information on the yard's postume activities, however, a PV report indicated that considerable new iliding was going on in May 1947 including the drilling of herisontal tunnels into a rook surface.

Although it is believed to be primarily a neval vessel surpair yard it is possible that small secort vessels or launches may be assembled and launched on the slippay

in the center of the yard.

### Approved For Release 1999/09/08-0-8-47-RDP79S01046A000100020001-6

Subject

: SHIPYARDS

Country

: USSR

City

Current Name: Baku Faval Shipperd

GAPS IN INTELLIGENCE: The following questions were the second guide in the preparation of this report. Up to date inferrable in the categories is desired, however, particular gaps in involving the bride on all subjects except those marked with an asterial . .

- \*1. What is the current name of this yard?
- \*2. By what other names is the yard known?
- \*3. What is the exact location of this yard?
  - \*a. Coordinates
  - \*b. Azimuth and distance from some prominent lender of.
- \*4. What are the limits of the yard area?
- 15. What is the general plan and layout of the yord?
  - What are the dimensions and functions of each building:
  - 7. What building ways exist at this yard?
    - \*a. Number
    - Location
      - Type
      - Capacity
      - Dimensions
- \*8. What drydeck facilities exist at this yard?
  - \*a. Number
  - Lecation
  - Type
  - \*d. Capacity
  - \*e. Dimensions

### Approved For Release 1999/09/08: CIA-RDP79S01046A000 020001-6

S-F-C-P-E-T

\*9. What marine railway facilities exist at this yard?

- \*a. Number
- \*b. Location
- \*c. Type
- \*d. Capacity
- 🜟 e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launchings.
- c. How many months a year is shin construction restricted by climatic conditions?
  - 12. What ships has the yard revaired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of recairs.
- c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are menufactured or assembled at this yard, and in what quantities?
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  - 15. How many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - c. length of each shift.
    - d. Number of days worked ner week
    - e. Is there a seasonal flucuation in employment?
- \*ib. What is the estimated maximum number of employees per shift based on
- a Approved For Release 1999/09/08:3 CIA-RDR79S01046A000300020001-6

Approved, For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-E-C-D-F-T

17. If all of the yard's present facilities were devoted to shirthilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of asvalvessels (measured in SDT) or merchant vessels (measured in SDT)?

S-E-C-P-F-T

ļ	sq.ft (sq.ft)	Coordina	Subject:
		tos: fer	SILLEAVIDS
· ·	ft,)	n Miggaci	သ
,			country:
	STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	lianes:	USSI
*	pression as to efficienc of yard and adequacy of tools		S-1-C-1-I-I
1949-7411t postcome for Chamiting or all for the oil lands. 1977-Repaired to the control of the	Type of Product: Year Construc Repair		J
	Reported thumber imployes		
	Est. Caxi- mum number Exployes		
	istinated Produ Haval SiT		
	The 1949-7411t The Charting or and 1979-Repaired One Charting or and 1979-Repaired One Charting or the Charting of the Chartin	Fulldings and Eige of Size of Try-Size	Alternate Names:    Total Area of   Number, Type   Number and   Number

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Subject

SULPYARDS

Country

USSR

City

Current Name :

Baku Minyard

Alternate Name: B.A.

Location

Probably meer the emeter of the Baku waterfront area.

Remarks

Mattle is known about this yard, however, it was reported in

ed was under construction near the senter of Baku.

It appears to be mainly involved in the repair of vessels of the Caspian Sea Patroleum Floot (Massefteflot).

Reports on 1953 plan fulfillment reveal that this yard accomplished only 72% of the total plan, 80% of the total ship repair plan and only 64% of the total planned reveirs to vessels of the Gaspian Sea Petroleum Floot (Resnefteflat).

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17

#### Approved For Release 1999/09/08 ምርተል-ሞፒP79S01046A000300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

; Baku

Current Name: Bakm Shipyard

guide in the preparation of this report. Up to date information in the categories is desired, however, particular gaps in intelligence could be all subjects except those marked with an asterisk.

- \*1. What is the current name of this yard?
  - 2. By what other names is the yard known?
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  - 4. What are the limits of the yard area?
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  - 6. What are the dimensions and functions of each buildings
  - 7. What building ways exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions

#### Approved For Release 1999/09/08: CIA-RDP79S01046A00030Q020001-6

#### S-F-C-P-E-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launching.
- c. How many months a year is shir construction restricted by climatic conditions?
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    - b. Number of shifts per day.
    - c. length of each shift,
    - d. Number of days worked her week.
    - e. Is there a seasonal flucuation in employment?
  - 16. What is the estimated maximum number of employees per shift based or
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Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-E-C-P-T-T

17. If all of the yard's present facilities were devoted to shirbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly organization of pavel vessels (measured in SDT) or merchant vessels (measured in SDT)?

S-E-C-P-F-T

#### Approved For Release 1999/09/08:-C+A-RDP79S01046A0003Q0020001-6

Subject

\* SHIPYARDS

Country

USSR

City

\* Balm

Current Name :

Lending Craft Shippard

Alternate Name:

Location

Uncertain, possibly between the Parishskaye Kommuna Shippard and the Baileve Maval Base.

It was reported in 1950 that a new wherf in Baku was building landing

Remarks

eraft exclusively.

It is possible that a new shipperd has been constructed in this eres but it is more probable that an established yard has been expended or extended for the construction of these craft. On the basis of available information it is believed that this yard is a southern extension of the Parishskaya Kommuna Shipyard, however, until this is confirmed the landing craft shipyard will be listed

as a separate installation.

### Approved For Release 1999/0998-9814-RDP79S01046A000000001-6

Subject

: SHIPYARDS

Country

: USSR

City

Beku

Current Name: Landing Craft Shiryard

GAPS IN INTELLIGENCE: The following questions were used as a restand guide in the preparation of this report. Up to date intermediate in the categories is desired, however, particular gaps in invelligates and en all subjects except those marked with an asterisk ().

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- 7. What building ways exist at this yard?
  - Number
  - Lecation
  - Type
  - Capacity
  - Dimensions
- 8. What drydeck facilities exist at this yard?
  - Number
  - Lecation

  - Capacity
  - Dimensions

### Approved For Release 1999/09/08 : CIA-RDP79S01046A0000000001-6

S-E-C-P-E-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
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  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
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    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
- a Approxed For Release 1999/09/08 CIA-RDP79S01046A000300020001-6

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17. If all of the yard's present facilities were devoted to shirbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of navel vessels (measured in SDT) or merchant vessels (measured in SDT)

S-R-C-P-F-T

Approved For Release 1999/09/08 : CIA-RDP79S0104			s 29
	Total Yard Area (Sq.ft.)	urent hank ordinates	Swoject: SI
	Total Area of Buildings (sq.ft.)	Coordinates : 16°21 • 61°1 - 16°50 • 16°1	SULLYADS
	number, Type and Size of building May	90°16°E	
A STATE OF THE O	Number and Size of 'xy- docks; A = Noating B = Graving	Altornate Eanes:	Country:
	Number and Size of Farine Bail- ways	lianes:	UCSU
Ę	General in- pression as to efficiency of yard and adequacy of tools	-	City: M
rejeired merchant merchant merchant merch for spid-lepaire spid-lepair	Type of past Production, Year Construction Repair		8
	Reported Rhumber Rhumloyes		ories adoptive and Acons willings
***************************************	Est. Faxi- mum number Employes		
*	Stirated Maximum Production Ilaval SUT Here		
Approved For Release 1999/09/08 : CIA-RDP79S0104	Maximum Yearly ction liorchant o		
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#### Approved For Release 1999/09/08: CIA-RDP79S01046A0000000001-6

Subject Country City

\$ SHIPYARDS

Current Name : Parishskaya Kommune Shipyard

Alternate Name: F.A.

Location Remarks

in the Vereshilev district of Baku between the Bailev Havel Pare and the commercial piers, approx. 3500f HW of Cape Pailev.
This shippard is the most important merchant shippard in the South Caspian Son area.

Its drydecks are capable of handling vessels of un to 10,000 GMT. This yard is primarily a repair yard, and has not engaged in new construction in recent years.

The yard accomplishes repairs of all tyres on the vessels of the Caspiss Steambhy line and also occasionally repairs Caspiss Tanker and Readstead Tanker vessels. Haval craft of verious types have also been repaired at this yard.

S-S-C-R-E-T

27

\*a. Number

★b. Lecation

★ c. Type

\* d. Capacity

\* Dimensions

8. What drydeck facilities exist at this yard?

\* a. Number

\*b. Lecation

\* c. Type

d. Capacity

e. Dimensions

S-E-C-R-E-T

Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6 28

### Approved For Release 1999/09/08 : CIA-RDP79S01046A00 0020001-6

S-F-C-P-E-T

\* 9. What marine railway facilities exist at this yard?

- \* a. Number
- \*b. Location
- **米**e。 Type
- \*d. Capacity
- \*e. Dimensions

\*10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?

- 11. What is the Yard's ship construction history (1935-present)?
  - a. Types and dates of construction.
  - b. Length of times between keel laying and launching.
- c. How many months a year is shin construction restricted by climatic conditions?
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- 14. What percentage of the yards facilities are involved in the production of these other items?
  - 15. How many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
- a Approxed For Release 1999/09/08 CIA-RDR79S01046A000300020001-6

S-E-C-R-E-T

# Approved For Release 1999/09/08 : CIA-RDP79S01046A000300 20001-6 \$ -F - C - F - F - T

17. If all of the yard's present fecilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of paval vessels (measured in SDT) or merchant vessels (measured in SDT)

			(0
	Total Yard ^rea (sq.ft.)	Current hanc arrangement Coordinates: 40 22:15	Swiject: SH
	Total Area of Buildings (sq.ft.)	Coordinates: 40 22 15 -45 55 00 E	SHIPMADS
	humber, Type and Size of Building Vay	3	
	Number and Size of 'ry- docks: A - Floating B - Graving	MipperdAlternate Lanes:	Country: U
	limbor and Size of Tarine Sail- ways	anes:	USSIR
	General in- pression as to efficiency of yard and adequacy of tools		City: MARU
yill-Commercial spained ships dear tempole and bearing spained stj. sp	Type of past Production, Tear Construction Repair		
	Rep <b>orted</b> Humber Employes		
No. of the second secon	Est. Naxi- mum numbor Employes		
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#### Approved For Release 1999/09/08/0-@IA-RDP79S01046A000300020001-6

Subject

8 SHIT PYARDS

Country

USOR

City

Current Name : Transcaucasian Federation Shippard (Zakavkasskaya Federatelya Yard)

Alternate Name: W.A.

Remarks

: In the Sheumanyanovskiy district of Baku ("Black City" section), 5,000 feet east of the large concrete mole.

This yard is a tanker repair yard reported to be almost exclusively engaged in the repair and maintenance of vessels belonging to the Gaspian Petroleum Shipping Company (Kasptanker). In addition, internal combustion engine components are manufactured.

It was reported in 1951 that the yard had expanded more than 505 since the beginning of Warld War II. It is now believed to be equipped with a covered slipway and to be capable of requiring tembers up to 10,000 tems.

There are three piers within the yard area, one at each extremity and one situated centrally. A marine railway is believed to have been constructed west of the central pier. A small besin (approx. 125° g 45°) existed in 1942 east of the vestern pier. Several pasturer reports describe this as a drydock for small vessels.

S-B-C-R-E-T

### Approved For Release 1999/09<del>70</del>8--C61#--RDP79S01046A0@300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

Current Name: Transcaucasian Federation Shippard (Zakavkasskaya Federatsiya

GAPS: IF INTELLIGENCE: The following questions were used as a respected guide in the preparation of this report. Up to date implement in the categories is desired, however, particular gaps in intelligence order en all subjects except those marked with an esterick \*

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- \*4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building.
- \* 7. What building ways exist at this yard?
  - \*a. Number
  - \*b. Location
  - 🜟 с. Туре
  - \*d. Capacity
  - \* e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - Number
    - Lecation
    - Type
    - Capacity
    - Dimensions

#### Approted For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-F-C-P-E-T

- \* 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- \* 30. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?
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    - a. Types and dates of repair.
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    - b. Number of shifts per day.
    - c. Length of each shift,
    - d. Number of days worked per week
    - e. Is there a seasonal flucuation in employment?
- \*16. What is the estimated maximum number of employees per shift based on
- a minimproved ForeRelease 4999/09/08 acia\_RDR79S01046A000300020001-6

# Approve For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

17. If all of the yard's present facilities were devoted to shipburiding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of cavel vessels (measured in SDT) or merchant vessels (measured in SDT)

S=B=C=P=F=T

Subject: SII	SULPACIDS	and or his	country: U	นรรม	City: MATO	<b>a</b>	CC The second secon			ort tig
Current Lane:	vane gturus shipbuild bard hard 15"3-49"50: 35"E	Current lane: Teme Sturm Shipbuilding Nords That Coordinates: Lane: 157-19750-1578	🛊 Alternate Hames:	ianes:						
Total Yard Area (sq.ft.)	Total Area of Buildings (sq.ft.)	Number, Type and Size of Building Nay	Number and Size of 'xy- docks: A = Floating B = Graving	Number and Size of Carine Bail- ways	General in- prossion as to efficiency of yard and adequacy of	Type of past Production, Tear Construction Repair	Departed Thumber Thyloyes	Dst. Naxi- mum numbor Dmoloyes	Lstinated laximum Production liaval SM   Core	iaximun Y tion Norch
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# Approved For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6 $_{S=\mathbb{C}^{n}-\mathbb{C}^{n}}$

Subject

\* SHIPYARDS

Country

: USSR

City

: Baku

Current Name : Vans Sturms Shirbuilding and Ship Papair Yard

Alternate Name: T.A.

Location

: In the Stalinskiy District of Baku on the Southern part of Cape Bailor west of the Krassin Power Plant.

: This yerd has expended and grown in importance in the post-war period. Prior to 1952 it was subordinate to the Directorate Remarks for Machine Building of the Ministry of the Morehant Plact. Its

present subordination is unknown.

Brodges and other vessels of the Caspian nerchant floot ere reportedly repaired at this yard, however, its main posture settivity has been the construction of a series of 900 h.p., 800 h.p. and 1200 h.p. tugs. Sems repair work has been done on naval vessels also.

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### Approved for Release 1999/09/08 - CARDP79S01046A000309020001-6

Subject

: SHIPYARDS

Country

: USSR

City

: Beke

Current Name: Vane Sturus Shipbuilding and Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a principal guide in the preparation of this report. Up to date defended in the preparation of this report. Up to date defended in the preparation of this report. Up to date defended in the preparation of this report.

categories is desired, however, particular gaps in intelligence could be a salt subjects except those marked with an asterisk \*\*.

- \*1. What is the current name of this yard?
  - 2. By what other names is the yard known?
- \*3. What is the exact location of this yard?
  - a. Coordinates
  - b. Azimuth and distance from some prominent dards of
- \*4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building!
  - 7. What building ways exist at this yard?
    - 💥 a. Number
    - \*b. Location
      - c. Type
      - d. Capacity
      - e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - \* a. Number
    - \*b. Lecation
      - c. Type
      - d. Capacity
      - e. Dimensions

# Approved For Release 1999/09/08 : CIA-RDP79S01046A00 00020001-6

S-F-C-R-E-T

9. What perine railway facilities exist at this yard?

🖈 a. Number

. b. location

本 c. Type

\* d. Capacity

\* e. Dimensions

\* 10. What information pertaining to the efficiency of the yord and the adequacy of tools can be given?

11. What is the Yard's ship construction history (1935-present)?

- a. Types and dates of construction.
- b. length of times between keel laying and launching.
- \* e. Now many months a year is ship construction restricted by climatic conditions?
  - 12. What ships has the yard renaired (1955-present)?
    - a. Types and dates of repair.
    - b. Extent of renairs.
- e. How many months a year is shin repoint restricted by elimatic conditions?
- 13. What other products (including ship components) are marufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
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    - a. Number per shift.
    - b. Number of shifts per day.
    - c. length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal fluctuation in employment?
- \* 16. What is the estimated maximum number of employees mer shift based on

a Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

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Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-E-C-P-P-T

17. If all of the yard's present facilities were devoted to shinbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of payel vessels (measured in SDT) or merchant vessels (measured in SDT)?

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Approved For Release 1999/09/08 : CIA-RDP79S0104	16A00 <b>(3</b> )002	0001-6
	Total Yard Tea (Sq.ft.)	Coordinates
	Total Area of Buildings (sq.ft.)	The projective and the part of
	limber, Type and Size of Suilding Way	e sidgerd
	Number and Size of xy- docks: A - Nonting B - Graving	Alternate Names:
	Humber and Size of Warine Cail- Ways	Names: Bank
	General in- prossion as to efficiency of yard and adequacy of tools	Side Days
	Type of past Production, Year Construction Recair	T N
No. to a local de la Contraction of the Contraction	departed liumber imployes	panding Appropriate
8	Est. Kaxi- num number Employes	a
	Natina Ged Caxin	
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## Approved For Release 1999/09/98-0@IA-RDP79S01046A000 000020001-6

Subject

: SHIPYARDS

Country

USSR

City

Current Name : Batumi Waval Pase and Shipyard, "Deershinskiy"

Alternate Name: Batumi Ship Repair Yard, Daershinskiy Shipyard

Location

: 1500 yards northwest of the Saturd railroad yards, 700 yards portinest of western tip of petroleum harbor breakester.

Remarks

This yard is of minor importance due to limited harbor space and presimity to the Turkish border. It performed some destroyer repair work during WHI. It produces small amounts of ship compoments (screws and driveshafts) for Black and Asov Sea ships.

Facilities include: machine shop, ship-fitting shop, 3 workshops, 2 office buildings, possible foundry or forge, ? warehouses and other

In addition a maring railway (capacity unavailable) and 4 ways for either repairing or building of small vessels are lecated in the recently enlarged southern section of the yest.

# Approved For Release 1999/09/68 - C+A-RDP79S01046A000 0000001-6

Subject

: SHIPYARDS

Country

: USSR

City

: Batumi

Current Name: Batumi Faval Base and Shiryard "Deershinskiy"

GAPS IN INTELLIGENCE: The following questions were used as a war are guide in the preparation of this report. Up to date inflate that the categories is desired, however, particular gaps in intelligence and the on all subjects except those marked with an esterisk 🛠

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  - \* a. Coordinates
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- \*6. What are the dimensions and functions of each building?
- \*7. What building ways exist at this yard?
  - \*a. Number
    - Location
    - Type
    - Capacity
    - e. Dimensions
- \$8. What drydeck facilities exist at this yard?
  - \* a. Number
  - \* b. Location
  - ¥c. Type
  - \* d. Capacity
  - \* e. Dimensions

### Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-E-C-P-E-T

₩9. What marine railway facilities exist at this yard?

- 🚜 a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - II. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launching.
- e. How many months a year is ship construction restricted by climatic conditions?
  - 12. What ships has the yard reneired (1935-present)?
    - s. Types and dates of repair.
    - b. Extent of renairs.
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- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
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    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal fluctuation in employment?
- \* 16. What is the estimated maximum number of employees per shift based on
- a miApproved ConRelease 1999/09/08 (CIA-RDP79S01046A000300020001-6

# Approved For Release 1999/09/08 : CIA-RDP79S01046A00600000001-6

17. If all of the yard's present facilities were devoted to shirtwilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of mayal vessels (measured in SDT) or merchant vessels (measured in GDT)?

S-E-C-F-F-T

# Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6 Current liane; Bond New Fuelliste Swiject: SHIPMRDS Coordinates Total Yard (sq.ft.) Tanger. Total Area of Buildings (sq.ft.) LOS ACOUPACIONEST Number, Type and Size of Duilding May A = Hoating Size of Trydocks: Alternate Lanes: Country: USSN Size of :Jay/3 Jarine Jail-F pression as to efficiency of yard and adequacy of General in-H.A. City's Production, Construction Repair Type of past llumber Deported imployes M.A. Est, Caxi-E.A. Haval S.Y Stinated laximm Approved For Release 1999/09/08 : CIA+8DP79S01046A000300020001-6

## Approved For Release 1999/09/98-c-@IA-RDP79S01046A0000000020001-6

Subject

: SHIPYARDS

Country

USSR

City

Betu-1

Current Name : Ratumi Port Pacilities

Alternate Name: M.A.

Location

Remarks

: In the petroleum "arbor, southeast of Describinskiy Shippard, adjacent to and north of the Batumi railroad yards.

: Ships have not been repaired or constructed in the past but

the port area reportedly has facilities for minor repair work including 2 floating orange (100-ton and 10 or 50-ton capacity)

# Approved For Release 1999/09/08 : CIA-RDP79S01046A000 0020001-6

Subject

: SHIPYAPDS

Country

: USSR

City

: Batumi

Current Name: Batumi Port Facilities

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (\*\*).

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  - \*a. Number
  - \*b. Location
  - \*c. Type
  - \*d. Capacity
  - ≯e. Dimensions
- \* 8. What drydock facilities exist at this yard?
  - 🛊 a. Number
  - \*b. Location
  - \*c. Type
  - \*d. Capacity
  - \*e. Dimensions

### Approve or Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-E-C-P-E-T

- \*9. What marine railway facilities exist at this yard?
  - 👱 a. Number
  - & b. Lecation
  - Ac. Type
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## Approved For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

S-E-C-P-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GPT)?

S --E --C --P --E --T

	Approved For Release 1999/09/08 : CIA-RDP79S01046	6A00 0020	)001-6
FOR THE PROPERTY OF THE PROPER	<b>F</b>	Total Yard Area (sq.ft.)	Subject: SH Current Name Coordinates:
en en synt miner erstende de d		Total Area of Buildings (sq.ft.)	Subject: SHIPWARDS Current Name: Ordshemikidge Ship Repair Coordinates: (of oity) hlogs: w-41058:E
anian-massapan-usatusia diselek Restitubli.		Number, Type and Size of Building Way	Subject: SHIPMARDS  Courrent Name: Ordsbenikidge Ship Repair Tard  Coordinates: (of city) h1098-1-41638-E
ulung i permusakkunseak termet Paleber		Number and Size of Try- docks: A - Floating B - Graving	Country: Alternate
	•	Number and Size of Warine Bail- ways	. 1
en e		General in- pression as to efficiency of yard and adequacy of tools	City: MATHWEE Patumi Ship Repair Plant
amer P 2 Okt ( In. Arec Preside Last 1) September 18 Med C		Type of past Production. Year Construction Repair	ne Turi
		Reported Rumber Employes	DATE OF THE PROPERTY OF THE PR
The two was an angular day with the filler of the distribution of		Est. l'axi- mum numbor Employes	
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#### Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6 S-E-C-R-E-T

Subject

2 SHIPYARDS

Country

: USSR

City

Batumi

Current Name : Ordshonikides Ship Repair Yard

Alternate Name: Batumi Thip Repair Plant

Location

: In the vicinity of Batumi

Remarks

It is very probable that this yard is identical to the Batumi Naval Base and Shippard "Decretionality", however, until conclusive information is received this facility will be listed as a separate installation,

S-E-C-R-E-T

### Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-E-C-F-F-T

Subject

: SHIPY APDS

Country

City

: Baduni

Current Name: Ordenomikides Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (\*\*

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  - Type
  - Capacity
  - Dimensions
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  - Number
  - Iocation
  - Type
  - Capacity
  - e. Dimensions

### Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

#### S-F-C-P-E-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
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  - 16. What is the estimated maximum number of employees per shift based on

Approved For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

S-E-C-P-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GRT)?

# Approved For Release 1999/69198-RGIA-RDP79S01046A0000000001-6

Subject : SHIPYARDS
Country : USSR
City : Literalets

Current Hame : Kebaleti Ravy Terd

Alternate Name:

Location : In the vicinity of Tebuleti

Remarks : There is practically no information available on this yard.

# Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

5-E-C-F-F-T

Subject

: SHIPYAPDS

Country

: USSR

City

: Kebuleti

Current Name: Sobeleti, Nevy Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk

- 1. What is the current name of this yard?
  - 2. By what other names is the yard known?
  - 3. What is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent landmark.
  - 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
  - 7. What building ways exist at this yard?
    - a. Number
    - b. Location
    - c. Tyne
    - d. Capacity
    - e. Dimensions
  - 8. What drydock facilities exist at this yard?
    - a. Number
    - b. Incation
    - c. Type
    - d. Capacity
    - e. Dimensions

# Approved For Release 1999/09/08 : CIA-RDP79S01046A00020001-6

S-F-C-P-E-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?
  - 12. What ships has the yard renaired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of renairs.
- e. How many months a year is ship remain restricted by climatic conditions?
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- 14. What percentage of the yards facilities are involved in the production of these other items?
  - 15. How many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day,
    - e. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
- a Andrewed for Release 1999/09/08 CIA-RDR79\$01046A000300020001-6

Approved For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

S-F-C-P-F-T

17. If all of the yard's present facilities were devoted to shirthelding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of novel vessels (measured in SDT) or merchant vessels (measured in GPT)?

S-E-C-P-E-T

Subject: SH	SHIPMRDS		Country: 1	USSI	City: CCHENCHIRI					
Current Name	Current liame; cehemohiri javel base	al 7400	Alternate Names:		Ochemohiri Submarine Sase	3.50				
Coordinates	Coordinates (ef ochematin) bed 3.1-11928.	1.92.17-11.57								
Total Yard	Total Area of Buildings	liumber, Type and Size of	and	liumber and Size of	General in- pression as	Type of past production.	heported	Bst. Maxi-	Estimated Maximum Production	aximum Yearly tion
(sq.ft.)	(sq.ft.)	Building W <b>ay</b>		Parine Rail- Ways	to efficiency of yard and adequacy of tools	Year Construction Repair	imployes	Employes	Naval SIM	
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## Approved For Release 1999/09/08-00/A-RDP79S01046A00000000001-6

Subject

\* SHIPYARDS

Country

USSR

City

Cahanchiri

Current Name :

Oghamchiri Naval Base

Alternate Name:

Ochonehiri Suhmarine Base

Location

3/4 miles nerthwest of Ochemchiri

Remarks

1

The little information available on this yard indicates that it has one slippeny and repairs small naval vessels.

## Approve Or Release 1999/09/08<sup>S</sup> CtA=RDF79S01046A000300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

: Ochemehiri

Current Name: Ochemchiri Naval Base

GAPS IN INTELLIGENCE: The following questions were used as a maintain. guide in the preparation of this report. Up to date information of this categories is desired, however, particular gaps in infelligates and a on all subjects except those marked with an asterich

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    - a. Number
    - Lecation
    - Type
    - d. Capacity
    - e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - a. Number
    - Lecation
    - Type
    - d. Capacity
    - e. Dimensions

# Approved r Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

S-F-C-P-E-T

- 9. What marine railway facilities exist at this yard?
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    - c. Length of each shift.
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    - e. Is there a seasonal flucuation in employment?
- a minimum proved For Release 4999/09/08: CIA-RDP79S01046A000300020001-6

# Approver For Release 1999/09/08 : CIA-RDP79S01046A0003200001-6

17. If all of the yard's present facilities were devoted to shinbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GUT)?

Approve or Release 1999/09	)/08 : CIA-RE	)P79S0104	6A000300020	001-6
		F	fotal Yard Area (sq.ft.)	Subject: SHIPMARDS Current Name: network Coordinates: (of net
		F	Total Area of Buildings (sq.ft.)	
		ţ	Number, Type and Eize of Duilding Way	ri Shipperd Shiri) iperij-T-ijozo: B
			Number and Size of My- docks: A = Floating B = Graving	Country: Alternate
		F	Number and Size of Parine Rail-	USSIR Names: 1.4
		*	General in- pression as to efficiency of yard and adequacy of tools	City: <b>ocu</b>
		+	Type of past Production, Year Construction Repair	ENCHIR!
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			Stirated Maximum Production llaval SET   Hore	
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### Approved For Release 1999/09/98 CARDP79S01046A000800020001-6

Subject

SHIPYARDS

Country

USSR ehiri

City

Current Name :

Ochemehiri Shiryard

Alternate Name:

Location

In the vicinity of Ochemohiri

Remarks

Little information exists on this yard. It is resultle that this yard is identical to the Cobemohiri Mavel Ease and has morely

been reported under a different name.

# Approve Uor Release 1999/09/08 S-C1A=R®P79S01046A000300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

. Ochemchiri

Current Name: Ochemehiri Shipyerd

GAPS IN INTELLIGENCE: The fellowing questions were used as a recovered guide in the preparation of this report. Up to date information in additional in the categories is desired, however, particular gaps in intelligence embet on all subjects except those marked with an astorisk.

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    - b. Lecation
    - c. Type
    - d. Capacity
    - e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - a. Number
    - b. Lecation
    - c. Type
    - d. Capacity
    - e. Dimensions

### Approved for Release 1999/09/08 : CIA-RDP79S01046A00030 020001-6

#### S-F-C-P-E-T

- 9. What marine railway facilities exist at this yard?
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  - b. Location
  - c. Type
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    - c. length of each shift.
    - d. Number of days worked per week.
    - e. Is there a sessonal fluctation in employment?
- 16. What is the estimated maximum number of employees per shift besed on
- a minimproved ForeRelease 4999/09/08 : CIA-RDR79501046A000300020001-6

# Approved For Release 1999/09/08 : CIA-RDP79S01046A00 0020001-6

17. If all of the yard's present facilities were devoted to shirbusting on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of mayak vessels (measured in SDT) or merchant vessels (measured in Gord's

S=E=C=P=E=T

	Duildings and Cisc of (sq.ft.)	1 to 30	Current Lane: Poli Shipperd, "Yalyawa" 24	So dect: Sirenans
	number, type and Clac of smilding May	1991 198 E	#d, Talyana" 21	
2 4 2 2 2	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN CO	1		
	Number and Size of hydocks; A = Noating B = Graving			country:
	Number and Size of Farine Bail- Ways		Carnes: Jacks	T.C.C.
<b>8 1 2 3 3 3 3 3 3 3 3 3 3</b>	General in- pression as to efficiency of yard and adequacy of		Altornate Lames: Think Shipped, Edginged	Citys
	Type of past Production, Tear Construction		4 2 1	2
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#### Approve or Release 1999/09/08 CARDP79S01046A0003 20001-6

Subject

s SIMPYARDS

Country City

s USAR

: Poti

Current Name : Poti Shippard, "Yelyave"

Alternate Name: Yelyeva Shipyard, Shipyard 201

Location

South of the Havel Base, at the east end of the inner basin with decking facilities extending along the shores of the

Remarks inner besin.

> This is a small pre-Werld War II shippard. It was emlarged in 1942 with equipment and workers from Plant No. 444 in Ribedayev. In 1946 and 1947 this yard received a considerable quantity of machine tools and metal construction marts that had been dismantled in Cornery.

Just north of the yard is the Peti Maval Base which is the second mest important naval establishment on the Black Sea, however, no construction or repair facilities are known to exist here. It is believed that the Peti Shipperd, "Yelyave" accomplishes all construction, repair and maintenance of naval vessels attached to this base. se administrative connection between the yard and naval bese to unknown.

There have been reports of a shippard in Peti constructing suction dredgers. It is not known if these reports refer to the Yelyava Shippard or if another chipperd has been established in this area. It was reported that a large shipbuilding works was under construction (1947) at the neval base on the east side of the ather outer berber.

### Approved For Release 1999/08/08: CIA-RDP79S01046A000300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

, Pots

Current Name: Poti Shiryard, "Yelyava"

GAPS IN INTELLIGENCE: The following questions were used as a real cardia guide in the preparation of this report. Up to date information in this categories is desired, however, particular gaps in invalligates at his on all subjects except those marked with an asterisk ...

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- ₹7. What building ways exist at this yard?
  - Number
    - Lecation
  - - Capacity
    - e. Dimensions
- ★8. What drydeck facilities exist at this yard?
  - Number
  - Location
    - Type
    - Capacity
    - Dimensions

#### Approved For Release 1999/09/08: CIA-RDP79S01046A0003 20001-6

S-E-C-P-E-T

\* 9. What marine railway facilities exist at this yard?

- \* a. Number
- \* b. Lecation
- \* c. Type
- Ad. Capacity
- 🗶 e. Dimensions
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- 16. What is the estimated maximum number of employees per shift based on
- <sup>а тіт</sup>Арргоve арғо<del>м Release:1999/09/08</del>; СТА<sub>П</sub>RDP7<u>9</u>\$01046A000300020001-6

Approved For Release 1999/09/08 : CIA-RDP79S01046A000 020001-6

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of navel vessels (measured in SDT) or merchant vessels (measured in GET)?

							ş	(sq.ft.)	Total Yard	Coordinates:	Surject: SHIPYADS
							ø	(Sq.ft.)	Total Area of	( W carp) Language ( Was 30)	Soma Bargo Sidgiand
			CO BRIGHTO DE SEL SER OLI A RESERVE	need betom who burks on come			F	building Day	liumber, Type and Size of	THE STATE OF THE S	dyperd
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		arkaning and a section of the second of the sec			ACCOUNTS (Phonomer + 1944) - vi		8	to efficiency of yard and adequacy of tools	General in-		O.L.by's
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						-RDP79S	8	Forchant G	axioun Yearly ction		

#### Approved r Release 1999/09/08-TGtARDP79S01046A000300020001-6

Subject

SHIPYARDS

Country

# USSR

City

-

Current Name :

Seven Barge Shipperd

Alternate Name:

Sevenskeye Suickhedstve (Seven Havigation)

Location

In the vicinity of Seven

Remarks

Rarges are reported to be constructed here in the open. The equipment appeared to be primitive in 1949. The barges constructed here were of stool, approximately 100 foot long, 20 feet vide and 12 feet high. One report indicated that some repair work was done here also.

S-E-C-R-E-

### Approved For Release 1999/09/08:-CIA-RDP79S01046A000300020001-6

Subject

: SHIPYARDS

Country

: USSR

City

. Seven

Current Name: Sevan Barge Shippard

GAPS IN INTELLIGENCE: The following questions were used as a record grade in the preparation of this report. Up to date instruction in all categories is desired, however, particular gaps in intelligues which entall subjects except those marked with an asterick \*.

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    - a. Number
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    - c. Type
    - d. Capacity
    - e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions

S-E-C-R-E-T

#### Approved For Release 1999/09/08 : CIA-RDP79S01046A0003 20001-6

S-E-C-P-E-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
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- <sup>а т</sup>Арргоvêd For Release:1999/09/08 в СІА-RDP79501046A000300020001-6

Approved For Release 1999/09/08: CIA-RDP79S01046A000300020001-6

S-F-C-P-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of navel vessels (measured in SDT) or merchant vessels (measured in SDT)?

Christ lane: Saltantos	Subbent Ship Same's Yard	Alternate	lanes:	Alternate lanes:	5		•		
Coordinates: (of sub	(of Subband) 1:583314, 1180218								
Total Yard Total Area Suildings (sq.ft.)	rea of limber, Type ngs and Size of building May	Number and Size of Try- docks: A - Floating D - Graving	Number and Size of Carine Cail- ways	General in- prossion as prossion as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Deported Number Employes	Dst. Taxi- mum number fm:loyes	Settinated Haximum Production Haval SNF Her	Year chant
					Comstruction 1935-13- 1945-13- 1946- mall 19				Approved For Release 1999/09/08 : 영슈-RDP79S0104

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Subject Country 8 SHIPYARDS

s USSR

City

· Subbuill

Current Name : Subband Ship Repair Yard

Alternate Name: Bowal Repair Workshops

Location

. On the Black See, in the vicinity of Sukhumi.

Remarks

This yard appears to be primarily engaged in repair work with the pessibility of a small amount of construction. The floating dock at this yard is demaged and not in use.

Am extension of the shops was begun in 1949 and those shops were only partially in operation in 1951.

The Demidevsky Port Equipment Plant is leasted within the boundaries of this yard. In 1947 and 1948 it was manufacturing linear transporters (probably relier or belt conveyors), type "KL-15", metal grab-buckets and platforms for the Sukhumi hydroelectric power station cableway.

-B-C-R-E-T Approved For Release 1999/09/08 : CIA-RDP79S01046A000300020001-6

## Approved For Release 1999/09%8-€61#-RDP79S01046A066600000001-6

Subject

: SHIPYARDS

Country

: USSR

City

: Sukhumi

Current Name: Sukhumi Ship Repair Yard

GAPS IF INTELLIGENCE: The following questions were used as a managed guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence and a on all subjects except those marked with an asterick

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    - Lecation
      - Type
      - Capacity
    - Dimensions

#### Approved or Release 1999/09/08: CIA-RDP79S01046A00030020001-6

S-T-C-P-F-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- \* 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launching.
- c. How many months a year is ship construction restricted by climatic conditions?
  - 12. What shins has the yard reneired (1935-present)?
    - s. Types and dates of repair.
    - b. Extent of remairs.
- c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
  - 15. How many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal fluctuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
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17. If all of the yard's present facilities were devoted to phinhalling on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of covel vessels (measured in SDT) or merchant vessels (measured in SDT)

S-B-C-P-D-T

# Approved For Release 1999/09/08: @IATRDP79S01046A00 000020001-6

Subject

SHIPYARDS

Country

3 USSR

City

**Sabirabel** 

Current Name : Esbirabed Shippard

Alternate Name:

Sabirabed Ship Repair Shope

Location

Remarks

In the vicinity of Zabirabed on the Nura River, in Assybaidshen SSR.

This yard is reported to be a ship repair yard for the Nura River Steamship Lines. It has been briefly mentioned several times in the Seviet press and other sources since 1949.

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Subject

: SHIPYARDS

Country

: USSR

City

: Zabirabed

Current Name: Zabirabed Shipyard

guide in the preparation of this report. Up to date information or all categories is desired, however, particular gaps in intelligence with an asterisk \*\*.

- . What is the current name of this yard?
- \*2. By what other names is the yard known?
  - 3. What is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent hardy st.
  - 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
  - 7. What building ways exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions
  - 8. What drydeck facilities exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions

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S-E-C-P-E-T

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Lecation
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. What information certaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of times between keel laying and launching.
- c. How many months a year is shin construction restricted by climatic conditions?
  - 12. What ships has the yard remained (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of renairs.
- c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
  - 15. How many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - e. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal fluctuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
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# Approved For Release 1999/09/08 : CIA-RDP79S01046A000 00000001-6

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in GFT)?

S-E-C-R-E-T

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The sources of information have been limited to the Industrial Register of CIA and the files of the Shipbuilding Branch of the Industrial Division of CRR.

The total yard area and the total area of buildings have been estimated from aerial photographs and/or sketches or other descriptive information. The graphics in which these estimates have been based are contained herein in the city folder of the area.

For the purposes of this report the total area of buildings includes:

- (a) The horizontal projected roof area of shop buildings believed to be engaged in productive work, the number of floors being disregarded.
- (b) The area of longitudinal building ways, marine railways, and graving docks plus an allowance for working space along each side equal to one half of the width of the way, dock or railway, and a space of 30 feet at the head of the way, dock or railway.
- (c) The area of transverse building ways and the building section of patent slipways.
  - (d) The area of welding or assembly platens.
- (e) The area of floating drydocks is not included because of their non-permanent status.

The number, type, and size of building ways, drydocks and marine railways have been estimated from the most recent information available.

If graphics were used as a source of information they are enclosed in the city folder.

The general impression as to the efficiency of the yard and the adequacy of tools, the type of past production, and the reported number of employees have

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been obtained from finished intelligence sources if possible. It is to

be noted that the reported number of employees in some instances includes the total number employed on three shifts, and in other instances only the total number employed on the first or main shift.

The estimated maximum number of employees (on the first shift) has been calculated from the total area of buildings by using a factor of 200 square feet per employee. This factor is derived from data on a large number of US shippards. It has been found to be approximately correct for shippards in East Germany (see ORR Project 35.242) and for shippards in Czechoslovakia (see ORR Project 35.245). When more than one shift is employed it is estimated that the estimated maximum number of employees (on the first shift) is approximately 60 per cent of the total number of workers employed by that yards

The estimated maximum yearly production, merchant or naval, has been obtained from finished intelligence studies where possible in the great majority of cases such estimates are not available and est. ted maximum capabilities are based on the following productive rates of the maximum number of employees, with the yard operating on a one shift basic.

Merchant ressels (all types and sizes) ~ 7 grt per man-year

Naval vessels (all types and sizes) = 2 sat per man-year

These productivity factors are obtained from information contained in ORR Project 35.51, ORR Project 35.244, hipbuilding Branch contributions to Office-Wide Project 0.6, and from discussions with analysts of ONI and AFOIN.

Factual data is not available to support these factors and it should be realized that the astimated maximum yearly production based on them can be considered as only rough approximations. The estimated margins of error of these factors are

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as follows:

Merchant production - ≠ 35% to - 10%

Naval production - / 32% to - 27%

If knunching facilities other than crames are available at the yard it is assumed that the yard has the capability of ship construction, even if it is or has been engaged in ship repair exclusively. If no launching facilities are available an entry of "Repair Only" has been made instead of an estimate of maximum yearly production.



# INTERIM STUDY OF USSR SHIPYARDS

IN ECONOMIC REGION V

ORR PROJECT 35.512 (RA)

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